

Dr. Arghajit Jana

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Personal Information

- **Date of Birth**—18-02-1991
 - **Place of Birth** – Kolkata, India

Recent Position

- **Institute of Astronomy, National Tsing Hua University**—Hsinchu, Taiwan
 - **Post Doctoral Fellow** (October 2021 - May 2022)
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Research Experience

- **National Tsing Hua University**—Hsinchu, Taiwan
 - Post Doctoral Fellow* (October 2021 – May 2022)
 - **Area of Research** - Active galactic nuclei, High Energy Astrophysics, Accretion disk, X-ray Astronomy
 - **Physical Research Laboratory**—Ahmedabad, India
 - Post Doctoral Fellow* (January 2020 – September 2021)
 - **Area of research** - Active galactic nuclei, High Energy Astrophysics, Accretion disk, X-ray pulsar, X-ray Astronomy
 - **Indian Centre for Space Physics**—Kolkata, India
 - Junior Research Fellow*(July 2014 – July, 2016)
 - Senior Research Fellow*(July 2016 - December 2019)
 - **Area of research** - High Energy Astrophysics, Accretion disk around black holes, X-ray Astronomy
 - **National Tsing Hua University**—Hsinchu, Taiwan
 - Visiting Research Fellow* (September 2018 – October 2018)
 - **Area of research** - High Energy Astrophysics, Accretion disk, X-ray Astronomy
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Telescope Time

- Mount Abu IR Telescope – Mrk 509 – 10 nights – 2020-2021.
- NuSTAR – 1A 0535+262 – 1 × 30 ks – 2020.
- AstroSat– 1A 0535+262 – 1 × 50 ks – 2020.
- Mount Abu IR Telescope– 1A 0535+262 – 7 nights – 2020-2021.

- AstroSat– 2S 1417–264 – 2×30 ks – 2021.
- AstroSat – MAXI J1803–298 – 2×50 ks – 2021.

Education

- **Indian Centre for Space Physics**—University of Calcutta
PhD in Physics (Theoretical) (July 2014 – December 2019)
 - **Thesis title:** Trend of Accretion Flow Parameters of Outbursting Black Hole Candidates from the Spectral and Timing Properties
 - Thesis submitted – May 2019
 - Degree obtained – February, 2020
 - **St.Xavier’s College (Autonomous) & Bose Institute**—University of Calcutta
M.Sc Physics with specialisation in Astro-particle Physics (August 2011 – June 2013)
 - 63.8 %; First Class
 - **Vivekananda College, Thakurpukur**—University of Calcutta
Bachelors in Physics with Honours (July 2008- June 2011)
 - 60.00 % ; First Class
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Publication

- **Peer Review Journal:**
 - Published:** 32
 - Accepted:** 1
 - Submitted:** 3
 - In Preparation:** 2
 - **Total Citation:** 504
 - h-index :** 11
 - i-10 index:** 14
 - **Conference Proceedings:** 10
 - **Book Chapter:** 1
 - **Other:** 4
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Skills

- **Astronomical Software Packages:** HEASoft Package
 - **Computer Languages, Computational Packages:**
 - Average Knowledge : Fortran, Python, Mathematica, Matlab, L^AT_EX
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National Exam Qualification

- GATE-2104, Score-494, All India Rank- 380
- NET JRF(UGC), June-2014, Rank-186

Conferences & Presentation

- **RETCO-II**—ARIES, Nainital, India
May, 2015
 - Poster Presentation - **Spectral and Timing Properties of MAXI J1836-194 during 2011 Outburst**
- **Wide Band Spectral and Timing Studies of Cosmic X-ray Sources**—TIFR, Mumbai, India
January, 2017
 - Oral Presentation - **X-ray Jet Flux for Black Holes using TCAF Solution**
- **XXXV Meeting of Astronomical Society of India**—Jaipur, India
March, 2017
 - Poster Presentation - **Accretion Flow around BHC Swift J1753.5-0127**
- **RETCO - III**—IIST, Thiruvananthapuram, India
June, 2017
 - Oral Presentation - **Accretion-Ejection Process of Swift J1753.5-0127 during its 2005 Outburst**
- **The INTEGRAL Symposium 2017 : Energetic Time Domain Astrophysics**—Venice, Italy
October, 2017
 - Oral Presentation - **Disk-Jet connections in Black Holes X-Ray Binaries with TCAF Solution**
- **42nd COSPAR Assembly**—Caltech, Pasadena, CA, US
July, 2018
 - Oral Presentation - **Accretion - Ejection mechanism of MAXI J1836-194 with the TCAF solution**
 - Oral Presentation - **Properties of the 2015 outburst of V404-Cygni from spectral analysis with the TCAF solution**
 - Oral Presentation - **Disk-Jet coupling of black hole sources with the TCAF solution**
 - Poster Presentation - **Accretion - Ejection mechanism of Swift J1753.5-0127 with the TCAF Solution**
- **EXPUNIV-2018**—S.N. Bose National Centre for Basic Sciences, Kolkata, India
November, 2018
 - Oral Presentation - **Disk-Jet Connections in Black Holes**
- **RETCO - IV**—Inter University Centre for Astronomy & Astrophysics, Pune, India
April, 2019
 - Oral Preparation - **Disk-Jet Couplings in Galactic Black Holes**
- **Conference on 5 years of AstroSat**—Virtual
January, 2021
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- **43rd COSPAR Assembly**—Sydney, Australia
January, 2021
 - Oral Presentation - **New MAXI Transient Black Hole Candidate: Properties of MAXI J1348-630 during its 2019 Outburst**
- **Astrophysical jets and observational facilities: National perspective**—ARIES, Nainital
April, 2021
 - Poster Presentation : **Heavy Obscuration in NGC 4941**

Workshop

- **Data Analysis & LAXPC Science**—TIFR, Mumbai
January, 2017
 - Workshop on AstroSat/LAXPC data analysis
- **X-ray Observations and Data Analysis of Compact Objects**— XXXV Meeting of ASI, Jaipur
March, 2017
 - Instructor of the Workshop.

Awards & Honours

- Inspire Scholarship, 2008-2013
- CSIR-Senior Research Fellow, 2018-2019

Professional Membarship

- Astronomical Society of India, 2020 –

Journal Reviewer

- Astrophysical Journal
 - Nature Communications
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PUBLICATIONS IN REFEREED JOURNALS

Published/Accepted :

1. **Accretion properties and estimation of spin of galactic black hole candidate Swift J1728.9-3613 with NuSTAR during its 2019 outburst** by S. Heiland, A. Chatterjee, S. Safi-Harb, A. Jana, J. Heyl in *MNRAS*, *** (2023) (DOI : 10.1093/mnras/stad2142) (arXiv:2307.06395)
2. **Coronal Properties of Low-Accreting AGNs using Swift, XMM-Newton and NuSTAR Observations** by N. Kumari, A. Jana, A. Chatterjee, H.-K. Chang, P. Nandi, K. Rubinur, N. Kumari, S. Naik, S. Safi-Harb, C. Ricci in *MNRAS*, *** (2023) (DOI : 10.1093/mnras/stad2104) (arXiv:2307.07966)
3. **Investigation of a small X-ray flaring event in NLS1 galaxy NGC 4051** by N. Kumari, A. Jana, S. Naik, P. Nandi, in *MNRAS*, 521, 54400 (2023) (DOI : 10.1093/mnras/stad867) (arXiv:2303.11799)
4. **Optical and X-ray studies of Be/X-ray binary 1A 0535+262 during its 2020 giant outburst** by B. Chhotaray, G. K. Jaisawal, N. Kumari, S. Naik, V. Kumar, A. Jana, in *MNRAS*, 518, 5089 (2023) (DOI : 10.1093/mnras/stac3354) (arXiv:2211.09491)
5. **Study of accretion flow dynamics of MAXI J1910-057/Swift J1910.2-0546 during its 2012-13 outburst** by S. N. Nath, D. Debnath, K. Chatterjee, A. Jana, D. Chatterjee, R. Bhowmick in *Ap&SS*, 71, 1045 (2023) (DOI : 10.1016/j.asr.2022.08.013) (arXiv:2108.07456)
6. **Global Accretion Properties of Black Hole X-Ray Binaries: A Phenomenological Perspective** by A. Jana in *MNRAS*, 517, 3588 (2022) (DOI : 10.1093/mnras/stac2939) (arXiv:2210.05283)
7. **Properties of MAXI J1348-630 during Its Second Outburst in 2019** by R. Bhowmick, D. Debnath, K. Chatterjee, A. Jana, S. K. Nath in *Galaxy*, 10, 95 (2022) (DOI : 10.3390/galaxies10050095) (arXiv:2209.02502)
8. **Broadband X-ray Spectroscopy and Estimation of Spin of the Galactic Black Hole Candidate GRS 1758-258** by A. Jana, H.-K. Chang, A. Chatterjee, S. Naik, S. Safi-Harb in *ApJ*, 936, 3 (2022) (DOI : 10.3847/1538-4357/ac84dd) (arXiv:2208.01399)
9. **Absorptiob Variability in Highly Obscured AGN NGC 4507** by A. Jana, C. Ricci, N. Kumari, S. Naik, H.-K. Chang in *MNRAS*, 512, 5942 (2022) (DOI : 10.1093/mnras/stac799) (arXiv:2203.10550).
10. **AstroSat Observation of X-ray Dips and State Transition in the Black Hole Candidate MAXI J1803-298** by A. Jana, S. Naik, G. K. Jaisawal, B. Chhotaray, N. Kumari, S. Gupta in *MNRAS*, 511, 3922 (2022) (DOI : 10.1093/mnras/stac315) (arXiv:2202.00479).
11. **Evidence of Heavy Obscuration in the Low-Luminosity AGN NGC 4941** by A. Jana, S. Naik, N. Kumari in *JApA*, 43, 4 (2022) (DOI : 10.1007/s12036-021-09786-4) (arXiv:2111.13508).
12. **NuSTAR and Swift Observation of Extragalactic Black Hole Binaries** by A. Jana, S. Naik, D. Chatterjee, G. K. Jaisawal in *MNRAS*, 507, 4779 (2021) (DOI : 10.1093/mnras/stab2448) (arXiv:2108.10546).
13. **Broadband X-Ray Observation of Chaning-Look AGN NGC 1566 during the 2018 Outburst** by A. Jana, N. Kumari, P. Nandi, A. Chatterjee, S. Naik, G. K. Jaisawal, K. Hawashaki and C. Ricci in *MNRAS*, 507, 687 (2021) (DOI : 10.1093/mnras/stab2155) (arXiv:2107.11127).
14. **AstroSat observations of eclipsing high mass X-ray binary pulsar OAO 1657-415** by G. K. Jaisawal, S. Naik, P. R. Epili, B. Chhotaray, A. Jana and P. C. Agrawal in *JApA*, 42, 72 (2021) (DOI : 10.1007/s12036-021-09701-x) (arXiv:2101.00815).

15. **Detection of X-ray pulsations at the lowest observed luminosity of Be/X-ray binary pulsar EXO 2030+375 with AstroSat** by G. K. Jaisawal, S. Naik, S. Gupta, P. C. Agrawal, A. Jana, B. Chhotaray and P. R. Epili in *JApA*, **42**, **33** (2021) (DOI : 10.1007/s12036-021-09699-2) (arXiv:2012.14113)
16. **Complex optical/UV and X-ray variability in Seyfert 1 galaxy Mrk 509** by N. Kumari, M. Pal, S. Naik, A. Jana, G. K. Jaisawal, P. Kushwaha in *PASA*, **38**, **42** (2021) (DOI : 10.1017/pasa.2021.41) (arXiv:2107.11994)
17. **AstroSat Observation of Non-Resonant Type-C QPOs in MAXI J1535-571** by D. Chatterjee, D. Debnath, A. Jana, Shang, J.-R., S. K. Chakrabarti, H.-K. Chang, A. Banerjee, A. Bhattacharjee, K. Chatterjee, R. Bhowmick, S. K. Nath in *Ap&SS*, **366**, **82** (2021) (DOI : 10.1007/s10509-021-03988-6) (arXiv:2006.09077).
18. **NICER Observation of 2019-2020 Outburst of MAXI J0637-430** by A. Jana, G. Jaisawal, S. Naik, N. Kumari, B. Chhotaray, D. Altamirano, R. A. Remillard, Keith C. Gendreau in *MNRAS*, **504**, **4793** (2021) (DOI : 10.1093/mnras/stab1231) (arXiv:2104.13005).
19. **Jet Properties of XTE J1752-223 During its 2009-2010 Outburst** by D. Debnath, K. Chatterjee, D. Chatterjee, A. Jana, S. K. Chakrabarti in *MNRAS*, **504**, **4242** (2021) (DOI : 10.1093/mnras/stab1169) (arXiv:2104.10485).
20. **Accretion Flow Properties of GRS 1716-249 during its 2016-17 Outburst** by K. Chatterjee, D. Debnath, D. Chatterjee, A. Jana, S. K. Chakrabarti, S. Nath, and R. Bhowmick in *Ap&SS*, **366**, **63**(2021) (DOI: 10.1007/s10509-021-03967-x) (arXiv:2102.02424)
21. **Accretion Properties of Black Hole Candidate MAXI J1813-095 During 2018 Outburst** by A. Jana, G. Jaisawal, S. Naik, N. Kumari, D. Chatterjee, S. K. Chakrabarti, H.-K. Chang, D. Debnath in *RAA*, **21**, **125** (2021) (DOI: 10.1088//1674-4527/21/5/125) (arXiv:2104.12924).
22. **Study of Accretion Flow Dynamics of V404 Cyg during its 2015 Outburst** by A. Jana, J.-R. Shang, D. Debnath, S. K. Chakrabarti, D. Chatterjee and H.-K. Chang in *Galaxy*, **9**, **39** (2021) (DOI : 10.3390/galaxies9020039) (arXiv:2006.03310).
23. **Properties of Faint X-ray Activity of XTE J1908+094 in 2019** by D. Chatterjee, A. Jana, K. Chatterjee, R. Bhowmick, S. Nath, S. K. Chakrabarti, A. Mangalam, D. Debnath, in *Galaxy*, **9**, **25** (2021) (DOI : 10.3390/galaxies9020025) (arXiv:2104.06453).
24. **Relation Between The Quiescence Phase of GX 339-4 and Its Outbursting Properties** by R. Bhowmick, D. Debnath, K. Chatterjee, S.K. Chakrabarti, S. Nagarkoti, R. Sarkar, D. Chatterjee, and A. Jana in *ApJ*, **910**, **138** (2021) (DOI : 10.3847/1538-4357/abe134) (arXiv:2102.02030).
25. **Probing the Nuclear and Circumnuclear Properties of NGC 6300 from X-ray Observation** by A. Jana, A. Chatterjee, N. Kumari, P. Nandi, S. Naik, & D. Patra, 2020, in *MNRAS*, **499**, **5496** (2020) (DOI: 10.1093/mnras/staa2552) (arXiv:2008.08033).
26. **Accretion Flow Evolution of New Black Hole Candidate MAXI J1348-630 During 2019 Outburst** by A. Jana, D. Debnath, D. Chatterjee, K. Chatterjee, S. K. Chakrabarti, S. Naik, R. Bhowmick & N. Kumari, in *ApJ*, **897**, **3** (2020) (DOI: 10.3847/1538-4357/ab9696) (arXiv:2004.03792).
27. **Accretion Flow Properties of XTE J1118+480 During Its 2005 Outburst** by D. Debnath, D. Chatterjee, A. Jana, K. Chatterjee, & S. K. Chakrabarti, 2020, in *RAA*, **20**, **175** (2020) (DOI: 10.1088/1674-4527/20/11/175) (arXiv:2004.02408).
28. **Inference on accretion flow properties of XTE J1752-223 during its 2009-10 outburst** by K. Chatterjee, D. Chatterjee, D. Debnath, A. Jana & S. K. Chakrabarti in *MNRAS*, **493**, **2452** (2020) (DOI: 10.1093/mnras/staa391) (arXiv:2002.04199).

29. [Inference on Disk-Jet Connections of MAXI J1836-194: Analysis with the TCAF Solution](#) by A. Jana, D. Debnath, S. K. Chakrabarti & D. Chatterjee in *RAA*, **20**, **28** (2020) (DOI: 10.1088/1674-4527/20/3/28) (arXiv:1812.10767).
30. [Evolution of X-ray Properties of MAXI J1535-571: Analysis With The TCAF Solution](#) by J.-R. Shang, D. Debnath, D. Chatterjee, A. Jana, S. K. Chakrabarti, H.-K. Chang, Y.-X. Yap, C.-L. Chiu in *ApJ*, **875**, **14** (2019) (DOI: 10.3847/1538-4357/ab0c1e) (arXiv:1806.07147).
31. [Properties of the Black Hole XTE J1118+480 with the TCAF Solution in 2000 During its Jet activity induced Outburst](#) by D. Chatterjee, D. Debnath, A. Jana, and S. K. Chakrabarti in *AP&SS*, **364**, **14** (2019), (DOI: 10.1007/s10509-019-3495-2) (arXiv:1803.09438).
32. [Accretion Flow Properties of Swift J1753.5-0127 during its 2005 outburst](#) by D. Debnath A. Jana, S. K. Chakrabarti, S. Mondal and D. Chatterjee in *ApJ*, **850**, **92** (2017) (DOI: 10.3847/1538-4357/aa9077) (arXiv:1703.05479).
33. [Properties of X-ray Flux of Jets During 2005 Outburst of Swift J1753.5-0127 Using TCAF Solution](#) by A. Jana, S. K. Chakrabarti, and D. Debnath in *ApJ*, **850**, **91** (2017) (DOI: 10.3847/1538-4357/aa88a5) (arXiv:1708.08054).
34. [Accretion Flow Properties of MAXI J1543-564 During 2011 Outburst from TCAF Solution](#) by D. Chatterjee, D. Debnath, S. K. Chakrabarti, S. Mondal, and A. Jana in *ApJ*, **827**, **88-94** (2016) (DOI: 10.3847/0004-637X/827/1/88) (arXiv:1605.06960).
35. [Estimation of the mass of the black hole candidate MAXI J1659-152 using TCAF and POS models](#) by A. A. Molla, D. Debnath, S. K. Chakrabarti, S. Mondal, and A. Jana in *MNRAS*, **460**, **3163-3169** (2016) (DOI: 10.1093/mnras/stw860) (arXiv:1605.07282).
36. [Accretion Flow Dynamics of MAXI J1836-194 During its 2011 Outburst from TCAF Solution](#) by A. Jana, D. Debnath, S. K. Chakrabarti, S. Mondal, and A. A. Molla in *ApJ*, **819**, **107-116** (2016) (arXiv:1601.02080) (DOI: 10.3847/0004-637X/819/2/107).

Submitted/In-preparation :

1. [X-ray Polarization changes with the State Transition in Cygnus X-1](#) by A. Jana, H.-K. Chang (2023, submitted to MNRAS) (arXiv: 2307.14604)
2. [Spectral Properties of GX 339-4 in the Intermediate State Using AstroSat Observation](#) by A. Jana, D. Chatterjee, A. Jana, H.-K. Chang, S. Naik, S. Mondal (2023, submitted to MNRAS)
3. [Evolution of low frequency quasi-periodic oscillations in GX 339-4 during its 2021 outburst using *AstroSat* data](#) by S. Mondal, A. Salgundi, D. Chatterjee, A. Jana, H.-K. Chang, S. Naik, (2023, submitted to MNRAS) (arXiv: 2303.03742)
4. [Survey of Bare Active Galactic Nuclei in nearby Universe : I. Origin of Soft-Excess](#) by P. Nandi, A. Chatterjee, A. Jana, N. Kumari, S. Naik, S. Safi-Harb, H.-K. Chang (2022, in preparation)

PUBLICATIONS IN JOURNAL PROCEEDINGS

1. [Accretion Flow Properties of three MAXI Black Hole Candidates: Analysis with the TCAF Solution](#) by D. Debnath, S. K. Chakrabarti, A. Jana, D. Chatterjee, A. A. Molla and S. Mondal in the proceeding of *7 years of MAXI : Monitoring X-ray Transients*, Editors: M. Serino, M. Shidatsu, W. Iwakiri, T. Mihara, [p. 81-84 (2017)]
2. [Inflow-Outflow Properties of Accretion Disk around MAXI J1836-194 with TCAF Solution during its 2011 Outburst](#) by A. Jana, D. Debnath, S. K. Chakrabarti, D. Chatterjee, A. A. Molla and S. Mondal in the proceeding of *7 years of MAXI : Monitoring X-ray Transients*, Editors: M. Serino, M. Shidatsu, W. Iwakiri, T. Mihara, [p. 87-88 (2017)]

3. **Possible ASTROSAT observation of transient black hole candidates to study spectral and timing properties with TCAF solution** by D. Debnath, S. K. Chakrabarti, S. Mondal, **A. Jana**, A. A. Molla, and D. Chatterjee in the proceeding of MG14 meeting in July, 2015 at University of Rome “La Sapienza”, Rome, Italy. (DOI: 10.1142/9789813226609 0419) [mgm conf., Edited by M. Bianchi, R. T. Jantzen & R. Ruffini; World Scientific, 3283 (2017)]
4. **Evolution of spectral and temporal properties of MAXI J1836-194 during 2011 outburst** by **A. Jana**, D. Debnath, S. K. Chakrabarti, S. Mondal, A. A. Molla and D. Chatterjee in the proceeding of MG14 meeting in July 2015 at University of Rome “La Sapienza”, Rome, Italy (DOI: 10.1142/9789813226609 0058) [mgm conf., Edited by M. Bianchi, R. T. Jantzen & R. Ruffini; World Scientific, 1038 (2017)]
5. **Temporal and spectral properties of MAXI J1659-152 during its 2010 outburst** by A. A. Molla, D. Debnath, S. K. Chakrabarti, S. Mondal, **A. Jana** and D. Chatterjee in the proceeding of MG14 meeting in July, 2015 at University of Rome “La Sapienza”, Rome, Italy.(DOI: 10.1142/9789813226609 0059) [mgm conf., Edited by M. Bianchi, R. T. Jantzen & R. Ruffini; World Scientific, 1044 (2017)]
6. **Accretion flow dynamics of a few transient black hole candidates from their spectral evolution study using TCAF solution** by D. Debnath, S. K. Chakrabarti, S. Mondal, **A. Jana**, A. A. Molla, and D. Chatterjee in the proceeding of *XIVth Marcel Grossmann* (MG14) meeting in July, 2015 at University of Rome “La Sapienza”, Rome, Italy. (DOI: 10.1142/9789813226609 0054) [mgm conf., Edited by M. Bianchi, R. T. Jantzen & R. Ruffini; World Scientific, 1017 (2017)]
7. **Spectral and Temporal Properties of MAXI J1836-194 during 2011 Outburst** by **A. Jana**, D. Debnath, S. Mondal, S. K. Chakrabarti, A. A. Molla and D. Chatterjee in the proceeding of RETCO-II. [ASI Conference Series, 12, 137-138 (2015)] (arXiv:1509.05867)
8. **Estimation of mass of MAXI J1659-152 during its first outburst with TCAF fits** by A. A. Molla, S. K. Chakrabarti, D. Debnath, S. Mondal, **A. Jana** and D. Chatterjee in the proceeding of RETCO-II [ASI Conference Series, 12, 119-120 (2015)]
9. **Characterization of few transient black hole candidates during their X-ray outbursts with TCAF Solution** by D. Debnath, S. Mondal, S. K. Chakrabarti, **A. Jana**, A. A. Molla and D. Chatterjee in the proceeding of RETCO-II [ASI Conference Series, 12, 87-88 (2015)]
10. **Compton cooling and signature of Quasi-Periodic Oscillations for few transient Black Hole candidates** by S. Mondal, S. K. Chakrabarti, D. Debnath, A. A. Molla and **A. Jana** in the proceeding of RETCO-II [ASI Conference Series, 12, 151-152 (2015)]

Book Chapter

1. **Disk-Jet Connection in Black Holes** by **A. Jana** in the proceeding of *Exploring the Universe: From Near Space to Extra-Galactic, Astrophysics and Space Science*, Springer International Publishing AG, part of Springer Nature, 2018, 53, 299

Others

1. **AstroSat Observation of X-ray Binary MAXI J1803-298** by **A. Jana**, G. K. Jaisawal, B. Chhotaray, S. Naik, N. Kumari, S. Gupta in *ATel*, **14629**, **1** (2021).
2. **Super-critical accretion onto the Be/X-ray binary pulsar 1A 0535+262 during its 2020 giant X-ray outburst** by G. K. Jaisawal, J. B. Coley, J. Wilms, G. Vasilopoulos, S. Naik, K. C. Gendreau, K. C.; I. Caballero, **A. Jana**, C. Malacaria, M. T. Wolff, Michael, P. Kretschmar, K. Pottschmidt, F. Fuerst in *ATel*, **14227**, **1** (2020).

3. **NICER and NuSTAR observations of the Be/X-ray binary pulsar 1A 0535+262 during the 2020 November giant outburst** by G. K. Jaisawal, S. Naik, K. C. Gendreau, Z. Arzoumanian, A. Jana, J. B. Coley, C. Malacaria, G. Vasilopoulos, F. Fuerst, D. Altamirano, K. Pottschmidt, J. Wilms, M. Wolff, D. J. K. Buisson in *ATel*, **14179**, 1 (2020).
4. **Preliminary Result on MAXI J1348-630 using Swift data: Detection of 0.56 Hz QPO and Mass Estimation** by A. Jana, D. Debnath, D. Chatterjee, S. K. Chakrabarti, K. Chatterjee, R. Bhowmick in *ATel*, **12505** (2019).

Last Updated : 10 November, 2022